

CLAIMS

1. A hose reel for winding a hose by turning a drum, characterized in that a guide part for guiding the hose is provided on the moving path of the hose to be wound around said drum and the width of the guide part is so set as to decrease toward its upper portion.

2. A hose reel for winding a hose by turning a drum, characterized in that a guide part for guiding the hose is provided on the moving path of the hose to be wound around said drum, a restrictive part for preventing said hose from escaping is extended on the guide part in a direction crossing the moving direction of said hose, an inclined part inclined toward the central part is set on said restrictive part, and the angle of inclination in the inclined part is set to be not less than 45 degrees and less than 90 degrees.

3. A hose reel for winding a hose by turning a drum, characterized in that a guide part for guiding the hose is provided on the moving path of the hose to be wound around said drum, a restrictive part for preventing said hose from escaping is extended on the guide part in a direction crossing the moving direction of said hose, and said restrictive part is formed in an arc shape whose central part protrudes.

4. The hose reel according to Claim 3, characterized in that an opening through which said hose is inserted is provided in said guide part, said restrictive part is set in the upper opening edge of the opening, and the lower opening edge of said opening is linearly formed.

5. The hose reel according to Claim 3, characterized in that said drum is supported by a frame, and said guide part is composed of a bar disposed on said frame.

6. A hose reel for winding a hose by turning a drum, characterized in that a guide part having an opening through which the hose is inserted is provided on the moving path of the hose to be wound around said drum, and a thick part thicker than a general part is disposed on the opening edge of said opening.

7. A hose reel for winding a hose by turning a drum, characterized in that a guide part having an opening through which the hose is inserted is provided on the moving path of the hose to be wound around said drum, and the sectional shape of the opening edge of said opening is formed in an arc protruding toward the center of said opening.

8. A hose reel for winding a hose by turning a drum, characterized in that a rotational member in contact with the hose and rotating in the direction of urging the movement of the hose is disposed on the moving path of the hose to be wound up by said drum.

9. The hose reel according to any of Claims 1 through 8, characterized in that the outer circumferential face of said hose is made rugged.

10. A hose reel wherein a drum having collars at the two ends of its barrel is turnably supported by a frame, characterized in that said frame is formed in a shape allowing accommodation of said drum, an inlet/outlet for the hose is disposed in a position in said frame opposite the winding position between the two collars

of said drum, and the width of the inlet/outlet is set to be not greater than the distance from one collar of said drum to the other.

11. The hose reel according to Claim 10, characterized in that said frame is formed in a case shape for accommodating said drum.

12. The hose reel according to Claim 10 or 11, characterized in that the width of said inlet/outlet is set to become smaller toward the upper part.

13. The hose reel according to Claim 10, 11 or 12, characterized in that the opening edge of said inlet/outlet on the upper side is formed in an arc shape whose central part protrudes upward.

14. The hose reel according to any of Claims 10 through 13, characterized in that the starting point of the arc shape of said opening edge is set between the center of rotation of said drum and the highest position of said collars.

15. A hose reel wherein a drum having collars at the two ends of its barrel is turnably supported by a frame, characterized in that the distance between said two collars is set between 40% and 60% of the diameter of said collars.